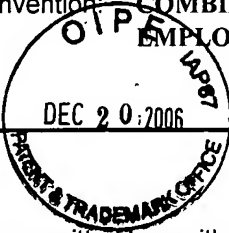
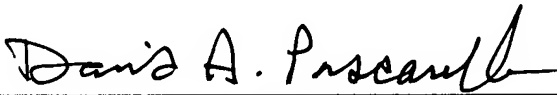
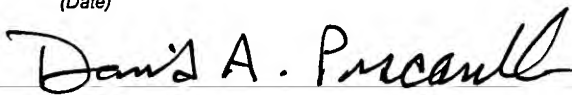


| | | | | | |
|---|-------------------------------------|--------------------------------------|--|-------------------------------|---------------------------------|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. 2233.002 | |
| Applicant(s): Ballantine et al. | | | | | |
| Application No. 10/658,123 | Filing Date 09/09/2003 | Examiner Crepeau, Jonathan | Customer No. 23405 | Group Art Unit 1745 | Confirmation No. 9697 |
| Invention: COMBINATION FUEL CELL AND ION PUMP, AND METHODS AND INFRASTRUCTURE SYSTEMS EMPLOYING SAME | | | | | |
|  COMMISSIONER FOR PATENTS: | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 44 - | 30 = | 14 | x \$50.00 | \$700.00 |
| INDEP. CLAIMS | 5 - | 3 = | 2 | x \$200.00 | \$400.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$1,100.00 |
| <input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input checked="" type="checkbox"/> A check in the amount of \$1,100.00 to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 08-1935 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
|  _____ <i>Signature</i> | | | Dated: December 13, 2006 | | |
| David A. Pascarella Attorney for Applicants Registration No. 36,632 HESLIN ROTHENBERG FARLEY & MESITI P.C. 5 Columbia Circle Albany, New York 12203 Telephone: (518) 452-5600 Facsimile: (518) 452-5579 | | | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on December 13, 2006 (Date)  _____ <i>Signature of Person Mailing Correspondence</i> David A. Pascarella _____ <i>Typed or Printed Name of Person Mailing Correspondence</i> | | |
| CC: | | | | | |



2233.002

IFW/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ballantine et al. Confirmation No.: 9697
Serial No: 10/658,123 Examiner: Crepeau, Jonathan
Filed: September 9, 2003 Group Art Unit: 1745
Title: COMBINATION FUEL CELL AND ION PUMP, AND METHODS AND
INFRASTRUCTURE SYSTEMS EMPLOYING SAME

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 13, 2006.

David A. Pascarella
Attorney for Applicants
Reg. No. 36,632

Date of Signature: December 13, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

This paper is filed in response to the first Office Action mailed on September 26, 2006, in connection with the above-identified U.S. patent application. The three-month period for response expires on December 26, 2006. Accordingly, this response is timely filed.

Amendments to the application begin on page 2 of this paper. Remarks begin on page 10 of this paper.

12/21/2006 RFEKADU1 00000037 10658123
01 PG:1202
02 PG:1201
700.00 OP
400.00 OP